

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC

LOCATION.--Lat 34°42'45", long 82°09'42", Laurens County, Hydrologic Unit 03050108, at Durbin Creek Treatment Plant, off State Road 418, approximately 2.5 mi northeast of Fountain Inn.

DRAINAGE AREA.--14.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Data collection platform. Elevation of gage is 640 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.4	4.6	6.8	6.2	14	9.3	23	17	5.2	6.6	0.76	1.3
2	4.2	4.5	6.6	6.1	13	21	17	9.2	e3.9	3.7	0.53	1.1
3	4.3	4.5	6.3	7.0	12	19	15	9.1	e3.6	5.9	0.60	1.1
4	4.3	4.5	6.3	6.9	12	13	14	35	3.4	5.8	0.52	1.5
5	4.2	4.4	6.1	6.8	11	12	13	13	6.1	3.3	0.71	1.2
6	10	4.5	6.0	18	18	12	13	10	3.6	2.3	0.41	1.3
7	5.4	4.8	6.0	10	33	11	12	9.1	3.5	2.1	0.31	1.0
8	4.5	4.7	5.9	8.3	20	11	12	8.5	3.2	1.9	0.38	0.86
9	4.5	4.8	5.8	7.7	16	12	12	7.9	3.0	1.7	0.36	0.69
10	4.5	5.0	13	7.6	15	12	12	9.7	2.8	1.8	0.29	0.62
11	4.1	4.6	14	7.2	14	10	11	9.1	2.9	2.4	0.24	0.43
12	4.0	4.3	8.2	7.1	13	32	12	7.9	2.6	2.4	0.38	0.31
13	4.1	4.5	8.4	7.2	12	34	12	13	2.4	2.5	0.15	4.1
14	12	4.7	7.6	7.0	12	20	11	11	2.4	3.7	0.17	34
15	5.5	5.2	7.1	7.0	11	16	11	7.8	2.4	3.4	0.30	213
16	4.4	4.8	6.9	7.0	11	15	9.9	7.4	2.3	3.0	1.1	42
17	4.1	4.6	9.4	6.9	11	19	9.7	7.3	2.5	2.6	1.2	17
18	4.2	4.7	13	6.7	11	15	9.3	9.0	2.1	2.0	0.81	15
19	4.3	4.8	8.3	44	10	14	8.9	7.2	1.9	1.2	0.52	10
20	4.5	4.9	7.8	34	12	14	8.5	7.0	2.0	0.99	0.35	8.1
21	4.4	4.7	7.3	24	11	22	8.4	6.9	1.8	0.86	0.24	7.9
22	4.2	4.8	7.2	18	10	15	8.1	6.8	1.7	0.77	0.23	7.9
23	3.7	14	7.2	48	10	14	7.6	6.7	2.0	1.0	0.32	7.6
24	3.8	34	7.5	47	9.9	13	7.7	6.6	2.0	1.6	0.25	6.6
25	3.8	9.6	7.0	96	9.8	13	8.7	6.5	2.1	0.98	2.6	7.3
26	3.8	7.6	6.9	29	9.8	14	7.8	6.0	11	0.93	2.3	9.8
27	4.0	7.2	6.5	22	9.5	13	7.9	5.9	4.5	0.96	1.3	9.8
28	4.3	6.9	6.4	19	9.4	12	7.8	5.7	2.7	1.5	1.2	7.1
29	4.4	6.6	6.3	16	---	11	7.6	5.8	13	1.3	1.3	6.8
30	4.5	6.9	6.2	15	---	23	7.0	5.4	9.6	1.5	1.2	6.2
31	4.6	---	6.2	14	---	27	---	5.8	---	1.0	1.3	---
TOTAL	147.0	195.7	234.2	566.7	360.4	498.3	324.9	283.3	112.2	71.69	22.33	431.61
MEAN	4.74	6.52	7.55	18.3	12.9	16.1	10.8	9.14	3.74	2.31	0.72	14.4
MAX	12	34	14	96	33	34	23	35	13	6.6	2.6	213
MIN	3.7	4.3	5.8	6.1	9.4	9.3	7.0	5.4	1.7	0.77	0.15	0.31
CFSM	0.34	0.47	0.54	1.31	0.92	1.15	0.77	0.65	0.27	0.17	0.05	1.03
IN.	0.39	0.52	0.62	1.51	0.96	1.32	0.86	0.75	0.30	0.19	0.06	1.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

MEAN	12.1	12.2	14.3	24.2	26.8	26.3	19.7	12.0	9.41	7.70	14.3	10.2
MAX	24.8	23.5	24.8	47.3	51.4	39.3	57.2	23.9	16.0	15.7	61.5	16.3
(WY)	2000	1996	1998	1995	1998	1998	1998	1998	1998	1997	1995	2001
MIN	4.07	6.52	7.55	9.50	8.16	14.1	10.8	5.91	3.48	2.31	0.72	3.63
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2001	2000	2002	1999

SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1994 - 2002
ANNUAL TOTAL	3684.5	3248.33	
ANNUAL MEAN	10.1	8.90	
HIGHEST ANNUAL MEAN			15.6
LOWEST ANNUAL MEAN			26.2
HIGHEST DAILY MEAN	207	Sep 4	8.90
LOWEST DAILY MEAN	2.3	Aug 28	2002
ANNUAL SEVEN-DAY MINIMUM	2.6	Aug 25	800 Aug 27 1995
MAXIMUM PEAK FLOW			0.15 Aug 13 2002
MAXIMUM PEAK STAGE			0.27 Aug 9 2002
ANNUAL RUNOFF (CFSM)	0.72	0.64	Unknown Aug 27 1995
ANNUAL RUNOFF (INCHES)	9.79	8.63	a 14.58 Aug 27 1995
10 PERCENT EXCEEDS	14	15	1.12
50 PERCENT EXCEEDS	6.8	6.8	15.15
90 PERCENT EXCEEDS	4.3	1.1	25
			9.9
			4.0

a From floodmarks.

e Estimated

